

Jefferson Lab Alignment Group

DATA TRANSMITTAL

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DATE: May 21, 2002

FROM: Chris Curtis

Checked: # : A773

DETAILS:

Below are the results from the spectrometer pointing surveys carried out on the Electron (left) and the Hadron (right) arm on May 21st, 2002.

===== RESULTS ===== E052102A

The central ray of the spectrometer is at -28.368 degrees.
It is missing the defined target center by 1.70 mm upstream,
and 0.46 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at -28.380 degrees.

*.9PR : 0.112 *.3DD : 1.24

===== RESULTS ===== H052102A

The central ray of the spectrometer is at 64.981 degrees.
It is missing the defined target center by 0.51 mm downstream,
and 1.89 mm vertically (positive = up).

If the offset is corrected by secondary alignment, the
spectrometer will be at 64.978 degrees.

*.9PR : 0.114 *.3DD : 1.52